



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/779,715	02/18/2004	Sheng Hsin Liao	MR1957-852	1729
4586	7590	10/27/2005		
ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			EXAMINER JULES, FRANTZ F	
			ART UNIT	PAPER NUMBER
			3617	
DATE MAILED: 10/27/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/779,715	Applicant(s) LIAO, SHENG HSIN	
	Examiner Frantz F. Jules	Art Unit 3617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1: The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-2, 6-12 are rejected under 35 U.S.C. 102(e)(1) as being anticipated by Sugita (US 2003/0184521 A1).

Sugita discloses a computer peripheral with cable reeling device comprising a detachable reeling device (15), having a housing (1) and a communication cable including a first and second ends respectively connecting with a first connector and a second connector being extensibly wound in the housing, the communication cable having a extractable end; and an input device which is detachably coupled with a front portion of the reeling device (15), and electrically connecting with the reeling device, said reeling device being independently operable with regard to the input device.

The housing of the reeling device has a receiving portion extending therefrom, the receiving portion is formed with a through hole, and the input device is received on the receiving portion of the reeling device in accordance with claim 2.

The input device being a mouse which is clipped to the reeling device in accordance with claim 8.

Art Unit: 3617

The input device has a main body engaged with the reeling device and having a circuit unit mounted therein since the cable is coupled to the circuit of the mouse, a left button and a right button are mounted thereon, and the circuit unit has a left button switch mating with the left button, a right button switch mating with the right button, and a wheel exposed outside the upper shell in accordance with claim 11.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-2, 7-9, 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Yong (US 6,088,021).

Yong discloses a computer peripheral with cable reeling device comprising a reeling device (124), having a housing (208) and a communication cable extensibly wound in the housing, the communication cable having a extractable end; and an input device which is mouse detachably coupled with a front portion of the reeling device (214), and electrically connecting with the reeling device.

The housing of the reeling device has a receiving portion extending therefrom, the receiving portion is formed with a through hole, and the input device is received on the receiving portion of the reeling device in accordance with claim 2.

The input device being a mouse which is clipped to the reeling device in accordance with claim 8.

The input device has a main body engaged with the reeling device and

Art Unit: 3617

having a circuit unit mounted therein since the cable is coupled to the circuit of the mouse, a left button and a right button are mounted thereon, and the circuit unit has a left button switch mating with the left button, a right button switch mating with the right button, and a wheel exposed outside the upper shell in accordance with claim 11. a switch unit (14) for controlling drawing out of the communication cable including a an upper shell (26) formed with a plurality of post on a bottom thereof for engagement with holes in the housing as shown in fig. 14 in accordance with claims 6, 10 and 12.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yong (US 6,088,021) in view of Davis (US 6,589,076).

Yong teaches all the limitations of claims 3-5 except for a computer peripheral comprising a third connector plugged into a second connector. The general concept of providing a plurality of connectors to the end of a cable falls within the realm of common knowledge as obvious duplication of parts which carry no patentable weight. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Yong to include the use of a plurality of connectors to the end of a cable in his advantageous computer peripheral cable in order to provide for attachment with a different size cable.

Response to Arguments

7. Applicant's arguments filed 09/20/2005 have been fully considered but they are not persuasive.

A. Summary of applicant's argument

In the amendment, applicant traversed the rejection of claims 1-12, currently amended for the following reasons:

1. The newly added claim limitations of said reeling device being independently operative with regard to said input device as Sugita does not teach the novel concept of having a reeling device that can be separated from the computer peripheral for independent use. Similar argument is made with regard to the Yong reference.
2. The references cited in the combination rejection of the claims cannot be properly combined to yield applicant's invention.

B. Response to applicant's argument

1. Regarding applicant's argument number 1, it should be noted that the newly added claim limitation of said reeling device being independently operative with regard to said input device does not distinguish over the prior art of record. As currently amend, claim 1 merely recites a capability of independently operating the reeling device having an input device which is a USB type connection adapted to be connected to the input device of a computer. It is well known that a USB type connection is made for use in a type of port connection of computer such a desktop Mckintosh, Apple computer, Dell computer or a labtop computer. The cable reeling device of either Sugita or Yong

Art Unit: 3617

comprise a detachable input device while being fully capable of universal usage due to the fact that a USB port input device can be operable with various types of computer.

2. In response to the applicant's argument No. 2, it has been explained that the newly added claim limitation of said reeling device being independently operative with regard to said input device does not distinguish over the prior art of record, Yong. The rejection was based on obvious duplication of parts as duplication/reduction of identical parts which carry essentially the same function is a common occurrence throughout the computer peripheral design art, and the specific number of connectors used would have been an obvious duplication of parts, depending upon such common factors as the speed at which data is to be transferred, the loading rating of the cable; the ordinarily skilled artisan choosing the best number of connectors which would most optimize the cost and performance of the device for a particular application at hand, based upon the above noted common design criteria.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

Art Unit: 3617

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frantz F. Jules whose telephone number is (703) 272-6681. The examiner can normally be reached on Monday-Thursday and every other Friday.

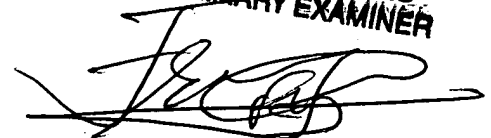
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph S. Morano can be reached on (703) 272-6684. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Frantz F. Jules
Primary Examiner
Art Unit 3617

FFJ

FRANTZ F. JULES
PRIMARY EXAMINER



Application/Control Number: 10/779,715
Art Unit: 3617

Page 8

October 25, 2005